

Fig. 1

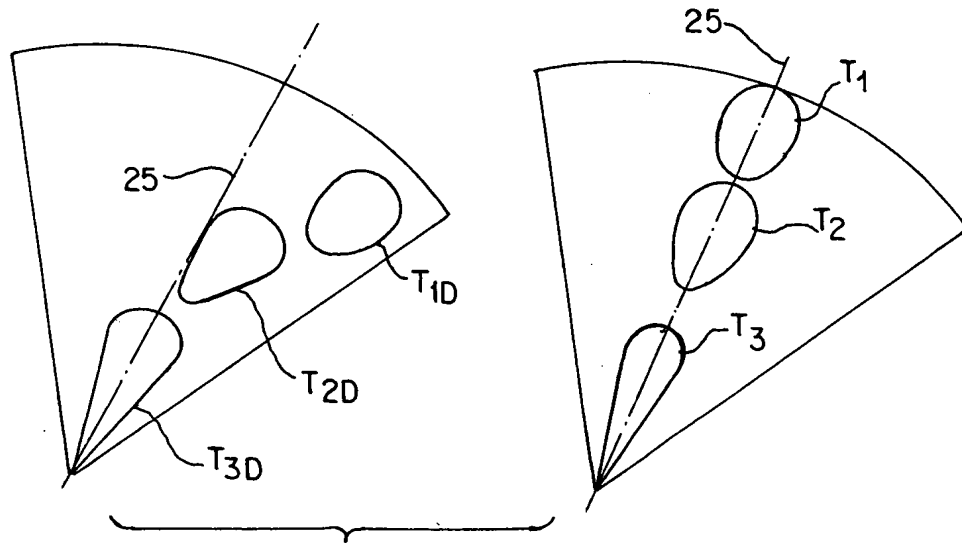


Fig. 6

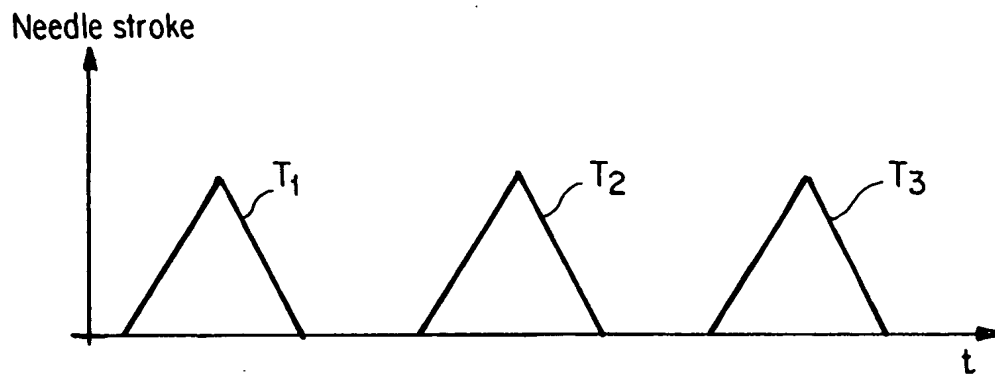


Fig. 7

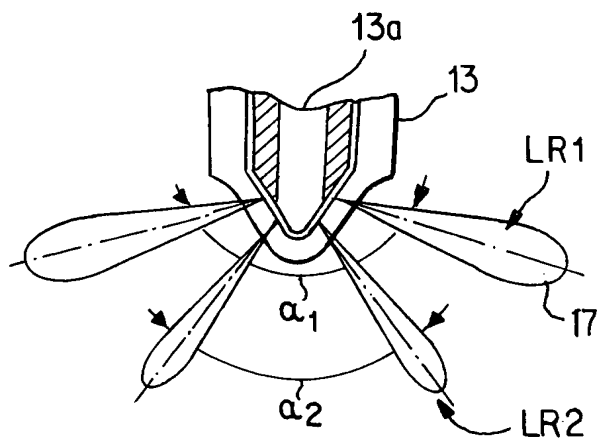


Fig. 2

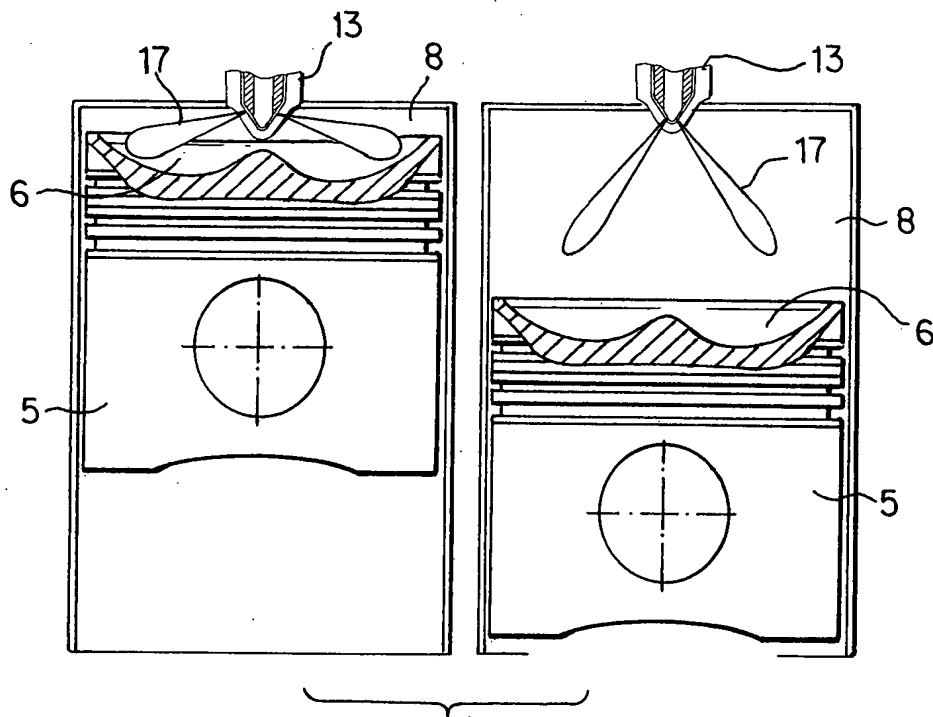
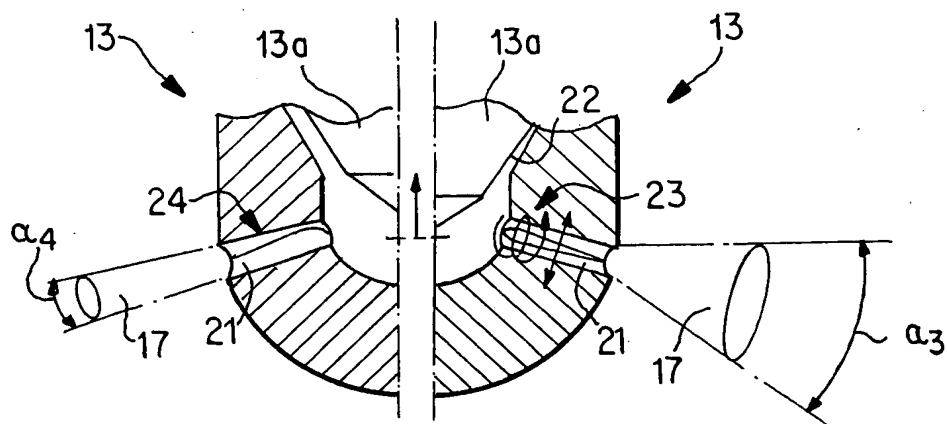
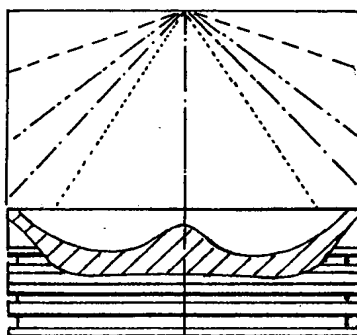


Fig. 3



Piston position
90°CA after TDC



$\text{---} \text{---} \text{---} \alpha = 140^\circ$
 $\text{---} \text{---} \text{---} \alpha = 100^\circ$
 $\text{---} \text{---} \text{---} \alpha = 80^\circ$
 $\text{---} \text{---} \text{---} \alpha = 60^\circ$

Piston position
70°CA after TDC

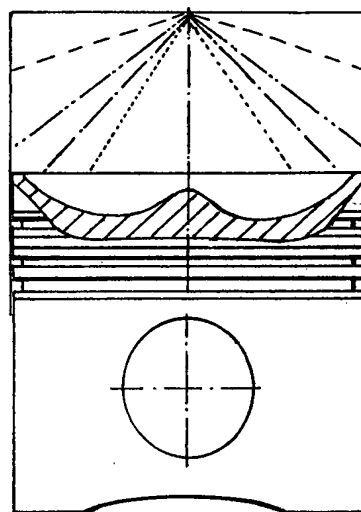


Fig.9

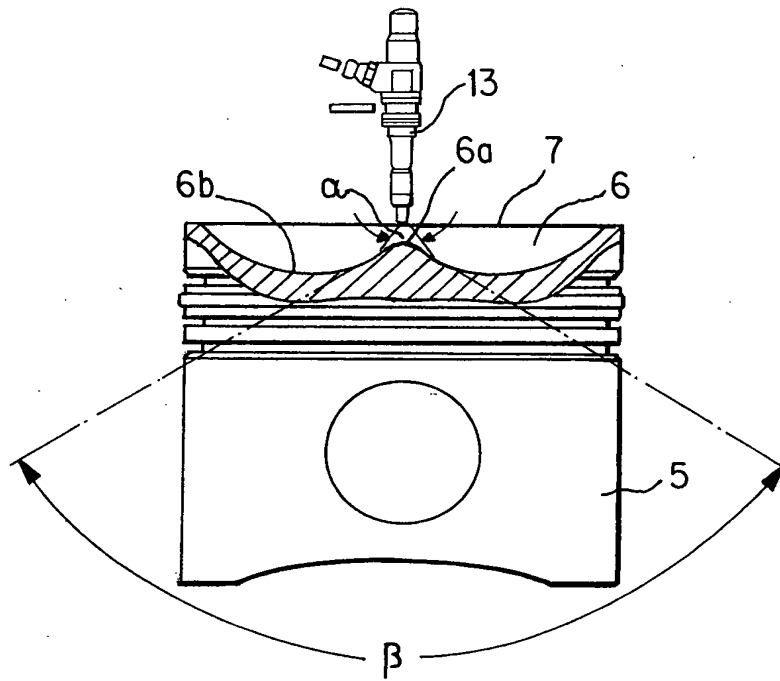


Fig. 4

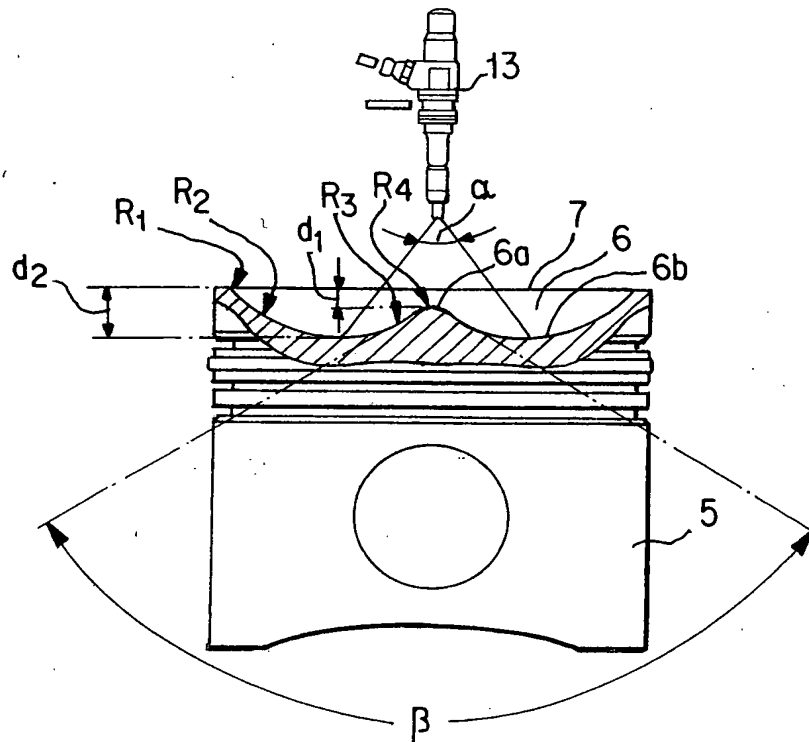


Fig. 5